

**Notice of Allowability**

Application No.

09/817,311

Applicant(s)

ROYER ET AL.

Examiner

Paul Callahan

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**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed 1-6-06.
2. ☒ The allowed claim(s) is/are 1-3,5-7,10-12 and 15-19.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date P.C. 3-1-06
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

**DETAILED ACTION**

1. Claims 1-3, 5-7, 10-12, and 15-19 are pending and have been examined.

***Terminal Disclaimer***

2. The terminal disclaimer filed on 1-6-06 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of any Patent that may grant from US Application 09/817,322 has been reviewed and is accepted. The terminal disclaimer has been recorded.

***Response to Arguments***

3. Applicant's arguments, filed 1-06-06, with respect to claims 1-3, 5-7, 10-12, and 15-19 have been fully considered and, when taken together with the language made to the language of the claims via the latest amendment and the Terminal Disclaimer filed 1-6-06, are persuasive in overcoming all the remaining rejections of the claims.

***Allowable Subject Matter***

4. Claims 1-3, 5-7, 10-12, and 15-19 are allowed.
5. The following is an examiner's statement of reasons for allowance:

The closest prior art in the field, Bladlow et al., US 6,115,040, and Schneier, Applied Cryptography 2<sup>nd</sup> Edition, Oct. 1995, pages 50-51, do not teach the features found in the independent claims of:

As for claim 1, a communications processor configured as that of the claimed invention that: generates a session identifier for use by a plurality of concurrently operating applications and that generates an encryption key useable by an application for encrypting personal record information to be conveyed in URL data; and wherein the communications processor sends additional parameters to a managing application for storage where the additional parameters include one or more of: an authentication service identifier, a language identifier, a URL directing a browser to a starting application upon termination of a session, a URL for acquiring a web page that provides a log-on menu for initiation of a new user session, a URL to be contacted upon occurrence of a predetermined event, or an identification of a type of predetermined event.

As for claim 2, a communications processor for initiating generation of a session identifier particular to a user initiated session and used by a plurality of concurrently operating applications to uniquely identify the session, and generation of an encryption key used by a first application for encrypting personal record parameters conveyed in URL data; where the generation is in response to validation of user identification information,

As for claim 7, an encryption key generator that randomly generates an encryption key particular to a user-initiated session, the generation in response to a session initiation request, the key being for common use by a plurality of concurrently operating applications in encrypting data associated with a personal record,

As for claim 10, a communications processor for communicating a session identifier to a first application, and which communicates the session identifier to another application of a plurality of concurrently operating applications in response to a request to receive the generated session identifier, and where said communications processor includes said generated session identifier in different types of command messages communicated to applications of said plurality of concurrently operating applications,

As for claim 11, a managing application that generates a session identifier particular to a user-initiated session, and that generates an encryption key for use by an application in encrypting personal record parameters conveyed in URL data, in response to a session-initiation request from that application, and where the key is used in communicating the session identifier to the application, and where the key is further for the common use of a plurality of concurrently operating applications in encrypting data associated with a personal record,

As for claim 15, a managing application that generates a session identifier particular to a user-initiated session, in response to receiving a session-initiation request from a first application, and where the managing application includes the session identifier in different types of command messages communicated to a plurality of concurrently operating applications,

As for claim 16, a method used by a first application including; generation of a session identifier particular to a user-initiated session; and generation of an encryption key useable by the application for encrypting personal record information to be conveyed in URL data; and communicating parameters to a managing application for

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storage, where the parameters include one or more of, an authentication service identifier, a language identifier, a URL directing a browser to a starting application upon termination of a session, a URL for acquiring a web page that provides a log-on menu for initiation of a new user session, a URL to be contacted upon occurrence of a predetermined event, or an identification of a type of predetermined event,

As for claim 17, a method used by a managing application including the steps of; generating a session identifier particular to a user initiated session and for useable by plurality of concurrently operating applications to uniquely identify the session; generating an encryption key for use by said first application in encrypting personal record parameters conveyed in URL data; where the encryption key is generated randomly in response to a session-initiation request by the user, and where the key is unique to the session; the key being for common use by a plurality of concurrently operating applications in encrypting data associated with a personal record; and communicating said session identifier and said encryption key to the first application and to another application of the plurality of concurrently operating applications in response to a request to receive the generated session identifier,

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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**Conclusion**

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paul E. Callahan whose telephone number is (571) 272-3869. The examiner can normally be reached on M-F from 9 to 5.

If attempts to reach the examiner by telephone are unsuccessful, the Examiner's supervisor, Emmanuel Moise, can be reached on (571) 272-3865. The fax phone number for the organization where this application or proceeding is assigned is: (571) 273-8300.

3-1-06

*Paul Callahan*

*E. Moise*  
**EMMANUEL L. MOISE**  
**SUPERVISORY PATENT EXAMINER**